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∗ Su-Ryun Lee Ajou University Department of Electrical and Computer Engineering
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XL HuanRgcanbrraCeduAuL - ieeexplore.ieee.org
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Huang School ofInformation Sciences and Engineering, University ofCanberra
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Abstract ALOHA based anti-collision algorithms are simple and they have superior anti-collision performance. But, it has disadvantage that the identification performance grows worse. The proposed method is the effective tag ...
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Permissible Link Quality for RFID Anti-Collision in a Practical Environment

Y Kawakita, O Nakamura, J Murai - IEICE TRANSACTION COMMUNICATIONS E SERIES B, 2008 - IEICE

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W Yen - 2006 - 140.134.132.124

Abstract-RFID technology has recently attracted renewed interest due to the

major promotion from global retailers. In this paper, we consider the tag collision problem that prevents the reader from identifying the adjacent ...

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Estimation of Identifying Object Number in Passive RFID System

X Wang, GH Xie, Z Qi, L Ming - Digital Media and its Application in Museum & Heritages, ..., 2007 - ieeexplore.ieee.org

Abstract This paper investigates how to shorten identifying time of multiple objects and gain maximum throughput between reader and tags in passive RFID system. We present a combinatorial model of the communication mechanism ...

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Collision-Resilient Symbol Based Extension of Query Tree Protocol for Fast RFID Tag Identification

JM Seol, SW Kim - Lecture Notes In Computer Science, 2008 - Springer

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Performance Study of Anti-collision Algorithms for EPC-C1 Gen2 RFID Protocol *

JG Lee, SJ Hwang, SW Kim - Lecture Notes In Computer Science, 2008 - Springer

Abstract. Recently RFID systems have become a very attractive so- lution for a supply chain and distribution industry to trace a position or delivery status of goods. RFID has many advantages over barcode and vision recognition ...

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LC Wang, HC Liu - Wireless Communication Systems, 2006. ISWCS'06. 3rd ..., 2006 - ieeexplore.ieee.org

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V Sarangan, MR Devarapalli, S Radhakrishnan - Computer Networks, 2008 - Elsevier

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D Lee, O Bang, S Im, H Lee - Wireless Conference, 2008. EW 2008. 14th European, 2008 - ieeexplore.ieee.org

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嵇文菁，赵梦欣，徐晶 - 华中科技大学学报.自然科学版, 2007 - cqvip.com
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